

Patent Abstracts of Japan

PUBLICATION NUMBER : 07304972
PUBLICATION DATE : 21-11-95

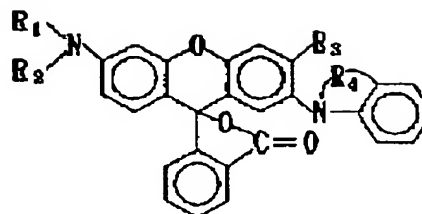
APPLICATION DATE : 09-05-94
APPLICATION NUMBER : 06120735

APPLICANT : YAMAMOTO CHEM INC;

INVENTOR : KUMAGAI YOJIRO;

INT.CL. : C09B 11/28 B41M 5/26 C07D209/08
C07D215/06 C07D223/16 C07D493/10

TITLE : FLUOROAN COMPOUND, AND
RECORDING MATERIAL SAME AND
THERMOCHROMIC MATERIAL EACH
CONTAINING THE SAME



ABSTRACT : PURPOSE: To obtain a new fluoroan compound which is used for a recording material or a thermochromic material and develops a color by reaction with an electron-accepting color developer by using a specified fluoroan compound.

CONSTITUTION: This compound is a fluoroan compound represented by the formula (wherein R₁ and R₂ are each H, alkyl, alkoxy-alkyl, tetrahydrofuryl or (substituted) phenyl, provided that they may be combined with each other to form a heterocyclic ring together with the nitrogen atom; R₃ is H or lower alkyl; and R₄ is a 2-6 C bivalent hydrocarbon group). It is desirable that R₁ and R₃ are independent of each other and are each H, 1-6 C linear or branched alkyl, 5-7 C cycloalkyl, 3-6 C alkoxyalkyl, tetrahydrofuryl or phenyl or that R₁ and R₂ are combined with each other to form pyrrolidino or piperidino together with the bonded nitrogen atom. It is also desirable that R₃ is hydrogen or methyl and R₄ is 2-5 C linear or branched alkylene.

COPYRIGHT: (C)1995,JPO